



Professional Service Industries, Inc.
1211 W. Cambridge Circle Drive
Kansas City, KS 66103

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Report No: PTR:03533177-1-S4

Issue No: 1

Proctor Report

Client: ASSOCIATED WHOLESALE
GROCERS
5000 KANSAS AVENUE
KANSAS CITY, KS 66106

CC: BRYAN BOYD
CHANCE CARRENDER
NATHAN HALL
STEVE MOE

Project: MCKEEVERS MARKET & EATERY
#950
LEE'S SUMMIT, MO

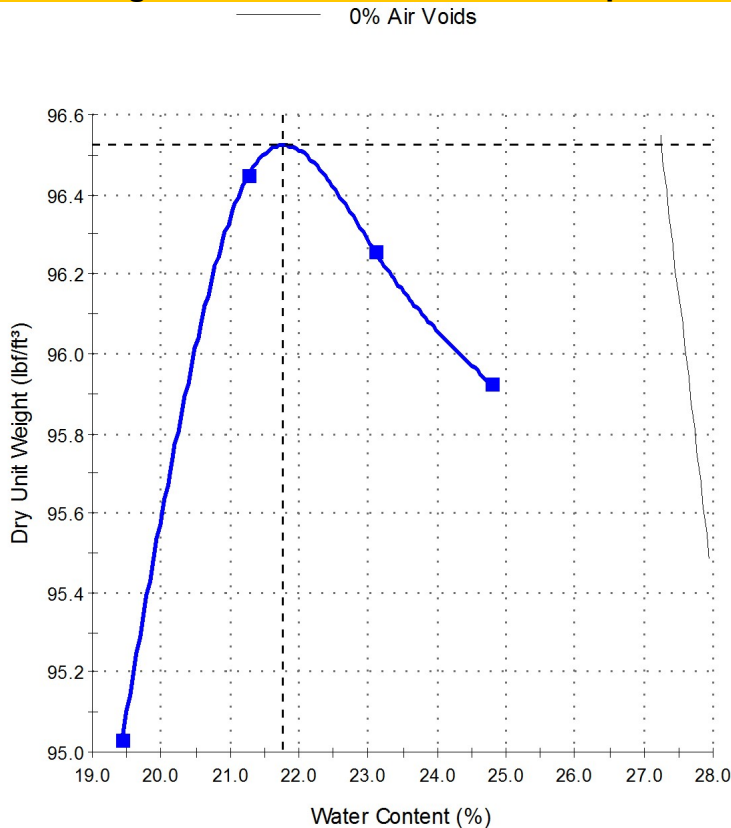
These test results apply only to the specific locations and materials noted and may not represent any other locations or elevations. This report may not be reproduced, except in full, without written permission by Professional Service Industries, Inc. If a non-compliance appears on this report, to the extent that the reported non-compliance impacts the project, the resolution is outside the PSI scope of engagement.

Approved Signatory: William Melton (Staff Engineer)
Date of Issue: 11/11/2019

Sample Details

Sample ID:	03533177-1-S4	Date Sampled:	11/5/2019
Date Received:	11/5/2019	Sampled By:	Josh Motti
Specification:		Source:	On-site
Material:	Gray / Lt Br fat clay w/5% lime	Sampling Method:	Sampled from in-place material
General Location:	West edge of pad	Location:	Gridline B, 5' 12"-18"
Tested By:	Keith Upschulte	Date Tested:	11/8/2019

Dry Unit Weight - Water Content Relationship



Test Results

ASTM D 698	
Maximum Dry Unit Weight (lb/ft³):	96.5
Optimum Water Content (%):	21.8
Method:	A
Preparation Method:	Dry
Rammer Type:	mechanical
Specific Gravity (Fines):	2.68
Specific Gravity Method:	Estimated
Retained Sieve No 4 (4.75mm) (%):	0
Passing Sieve No 4 (4.75mm) (%):	100
Tested By:	Keith Upschulte
Date Tested:	11/8/2019
ASTM D 4318	
Liquid Limit (%):	69
Plastic Limit (%):	19
Plasticity Index (%):	50
Tested By:	Tyler Cochrane
Date Tested:	11/7/2019

Comments

Lime source Mt. Carmel.
ASTM D4318 performed on natural material, no stabilization.